CLAIMS

1. A circulation-accelerating laser irradiation system comprising:

a plurality of laser irradiation section by which laser beams with such a wavelength as to have a vasodilating action is radiated as parallel beams from a plurality of different directions over a skin; and

a concentrating section for concentrating said plurality of laser beams radiated from said plurality of laser irradiation section onto a subcutaneous target part.

2. The circulation-accelerating laser irradiation system as set forth in claim 1, wherein said concentrating section is a holding section for positioning and fixing said plurality of laser irradiation section so that said laser beams from said plurality of laser irradiation means are focused onto said target part.

3. The circulation-accelerating laser irradiation system as set forth in claim 1 or 2, wherein said plurality of laser beams are converted into parallel beams by collimator lenses.

4. A circulation-accelerating laser irradiation system comprising:

a plurality of laser irradiation section by which

laser beams with such a wavelength as to have a vasodilating action are radiated as pulses from positions over a skin;

a holding section for positioning and fixing laser beam outgoing ports of said plurality of laser irradiation section in a radial pattern so that said laser beams are concentrated onto a subcutaneous target part; and

a control section for such a control that laser irradiations by said plurality of laser irradiation section are conducted at time intervals.

5. The circulation-accelerating laser irradiation system as set forth in claim 4, wherein said control section performs such a control that irradiations with laser beams from said outgoing ports arranged in a radial pattern are conducted at time intervals in the order from the outer side toward the inner side or from the inner side toward the outer side so that said laser beams reach said target part simultaneously.

6. The circulation-accelerating laser irradiation system as set forth in any one of claims 1 to 5, wherein said plurality of laser irradiation section each comprise:

a laser beam generating section for generating the

laser beam; and

an optical fiber for transmitting said laser beam generated by said laser beam generating section.

7. The circulation-accelerating laser irradiation system as set forth in any one of claims 1 to 6, wherein said laser beams have a wavelength of 400 to 650 nm.

8. The circulation-accelerating laser irradiation system as set forth in any one of claims 1 to 7, wherein the optical energy radiated from one of said laser irradiation section is not less than 5 mW.

9. A circulation-accelerating laser irradiation system comprising:

a plurality of laser irradiation section by which laser beams with such a wavelength as to have a vasodilating action are radiated from a position over a skin;

a holding section for positioning and fixing laser beam outgoing ports of said plurality of laser irradiation section so that said laser beams are concentrated onto a subcutaneous target part; and

a control section for such a control that irradiations with said laser beams from said outgoing ports are conducted at time intervals in the order from the outer side toward the inner side or from the inner

side toward the outer side.

10. A circulation-acceleration light irradiation system comprising:

a plurality of light irradiation section by which light with such a wavelength as to have a vasodilating action is radiated from positions over a skin; and

a holding section for positioning and fixing light outgoing ports of said plurality of light irradiation section so that said light is concentrated onto a subcutaneous target position.